Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX052020\
Data File : VX016362.D
Acq On : 20 May 2020 16:00
Operator : JC/SP
Sample : L2708-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S32-0691

Quant Time: May 21 04:59:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	249843	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	414723	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	411176	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	203981	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	146478	44.55	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.10%			
35) Dibromofluoromethane	5.47	113	120573	45.89	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.78%			
50) Toluene-d8	8.70	98	513870	50.76	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.52%			
62) 4-Bromofluorobenzene	11.12	95	207779	53.96	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.92%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	2137	0.808	ug/l	93
4) Vinyl Chloride	1.39	62	2411	0.736	ug/l #	86
16) Acetone	2.42	43	2611	1.780	ug/l #	86
21) trans-1,2-Dichloroethene	3.14	96	3074	1.062	ug/l	91
25) 2-Butanone	4.64	43	5749	2.432	ug/l	92
27) cis-1,2-Dichloroethene	4.57	96	52496	16.591	ug/l	86
44) Trichloroethene	7.19	130	16690	3.933	ug/l	97
59) 2-Hexanone	9.48	43	9316	2.568	ug/l	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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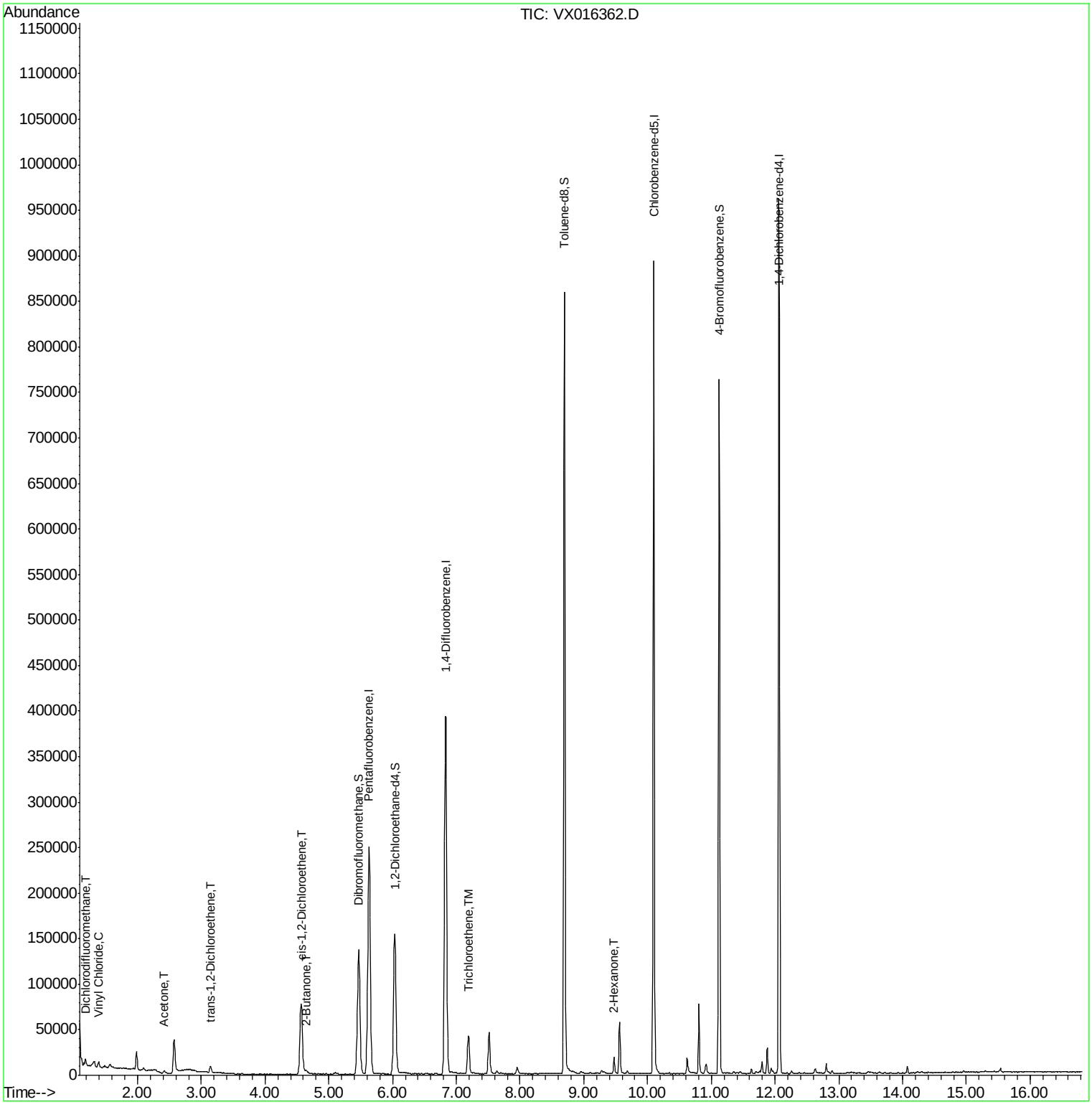
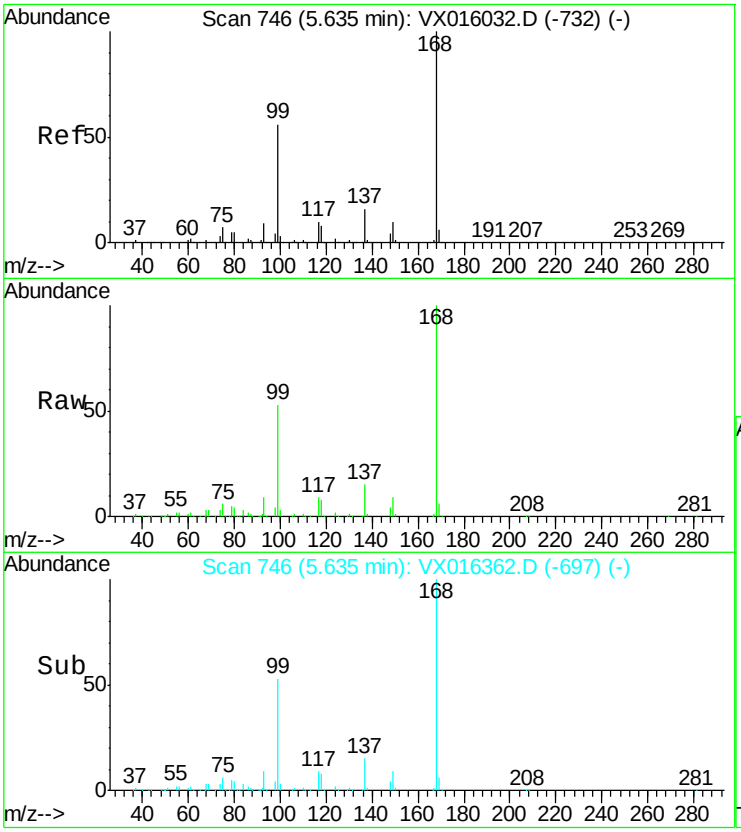


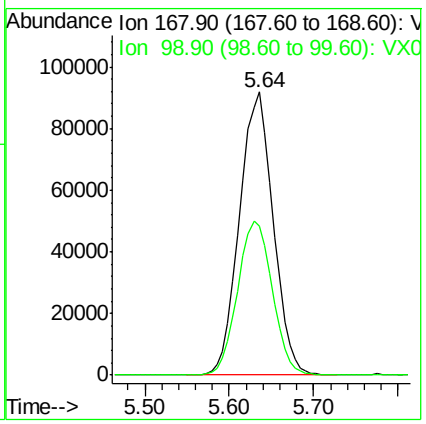


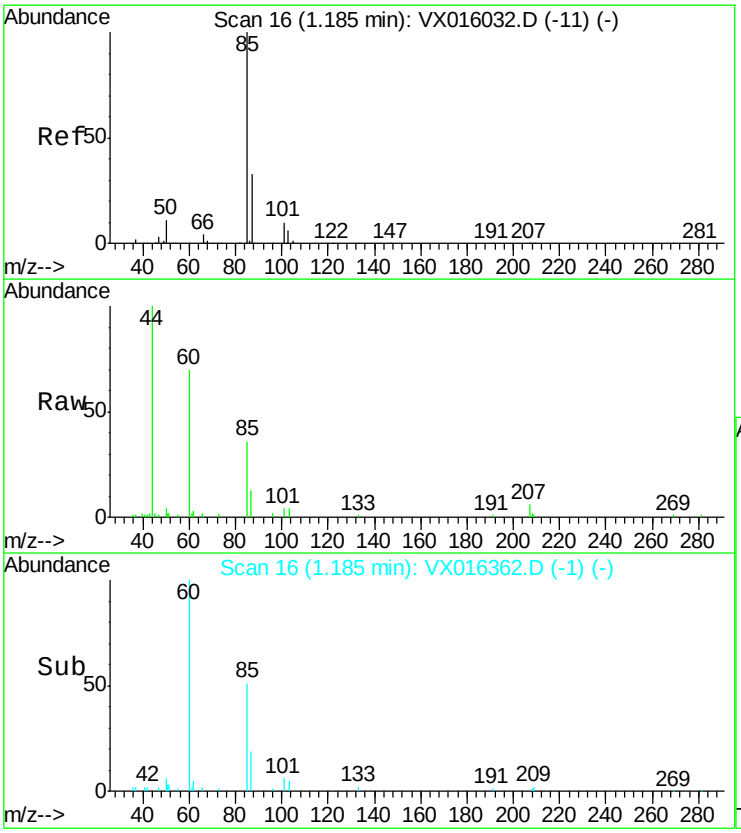
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.64 min Scan# 746
Delta R.T. -0.00 min
Lab File: VX016362.D
Acq: 20 May 2020 16:00

Instrument :
MSVOA_X
ClientSampleId :
S32-0691

Tgt Ion:168 Resp: 249843

Ion	Ratio	Lower	Upper
168	100		
99	52.6	45.0	67.4

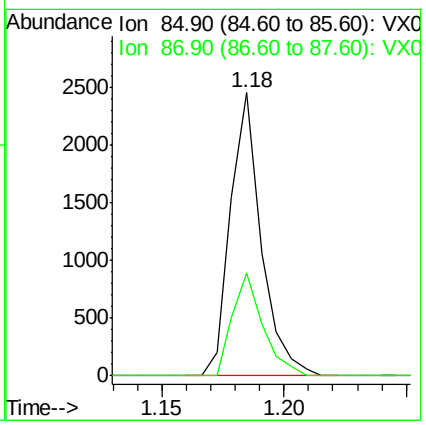


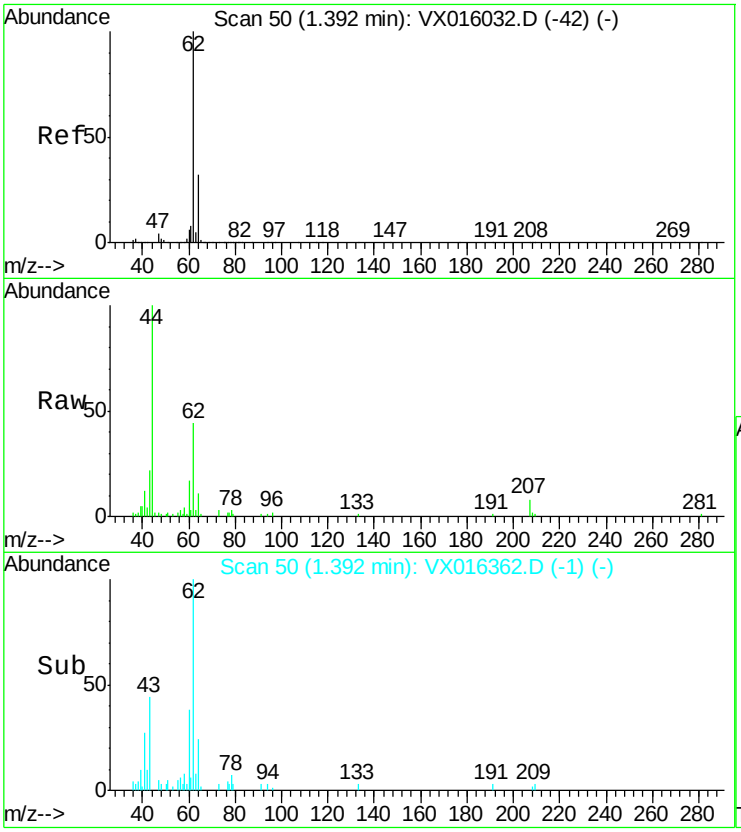


#2
Dichlorodifluoromethane
Concen: 0.808 ug/l
RT: 1.18 min Scan# 16
Delta R.T. -0.00 min
Lab File: VX016362.D
Acq: 20 May 2020 16:00

Tgt Ion: 85 Resp: 2137

Ion	Ratio	Lower	Upper
85	100		
87	36.5	16.4	49.1



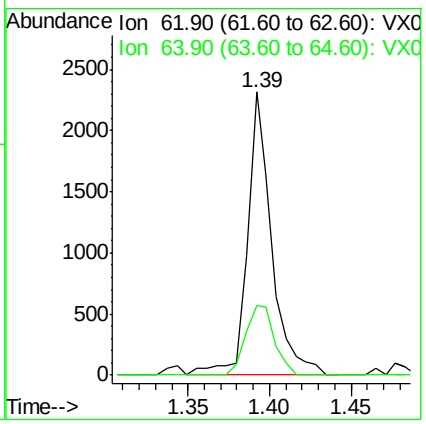


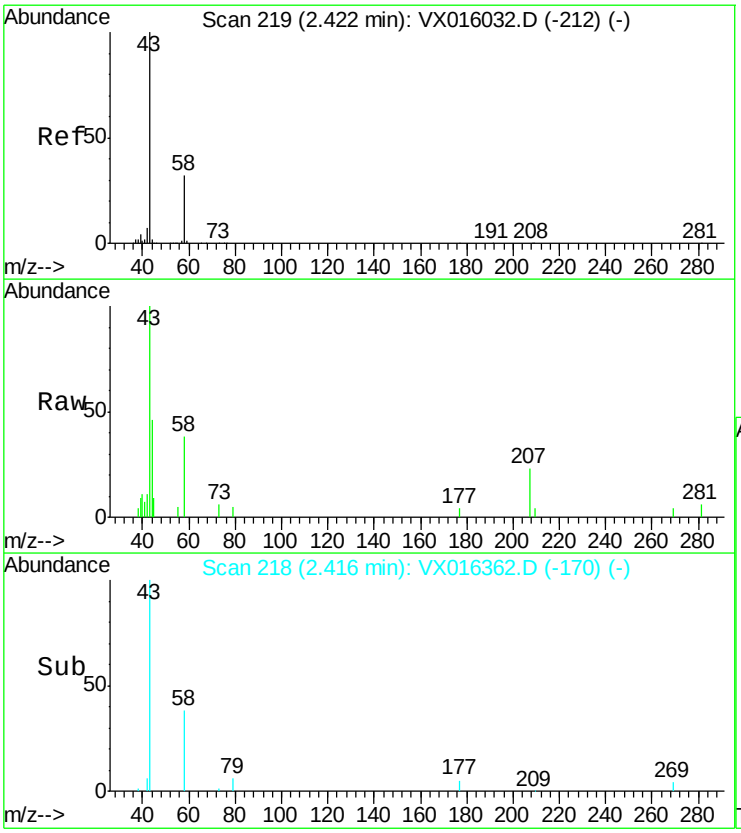
#4
Vinyl Chloride
Concen: 0.736 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX016362.D
Acq: 20 May 2020 16:00

Instrument : MSVOA_X
ClientSampleId : S32-0691

Tgt Ion: 62 Resp: 2411

Ion	Ratio	Lower	Upper
62	100		
64	24.5	25.7	38.5#

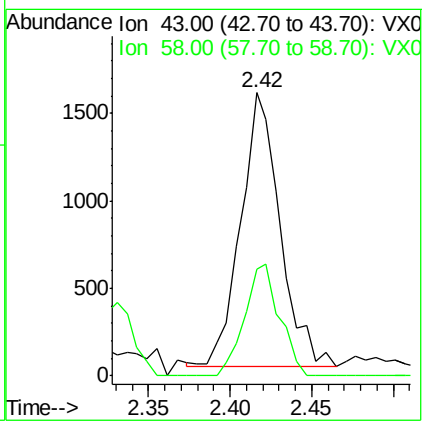


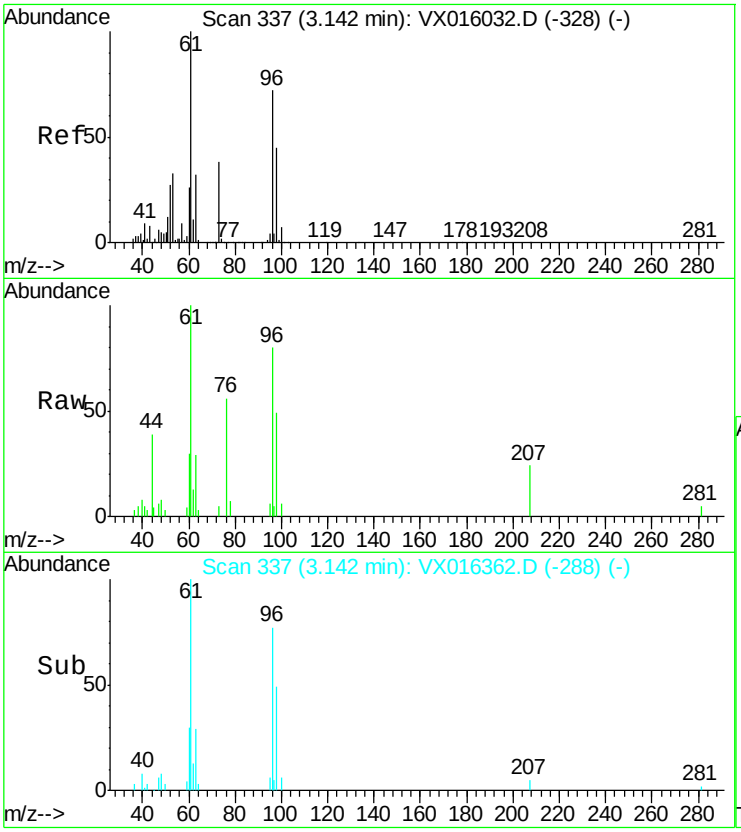


#16
Acetone
Concen: 1.780 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX016362.D
Acq: 20 May 2020 16:00

Tgt Ion: 43 Resp: 2611

Ion	Ratio	Lower	Upper
43	100		
58	39.3	25.4	38.0#



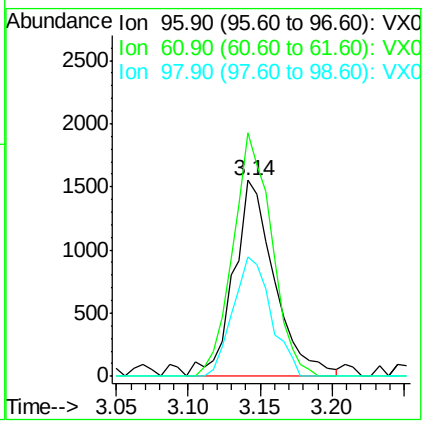


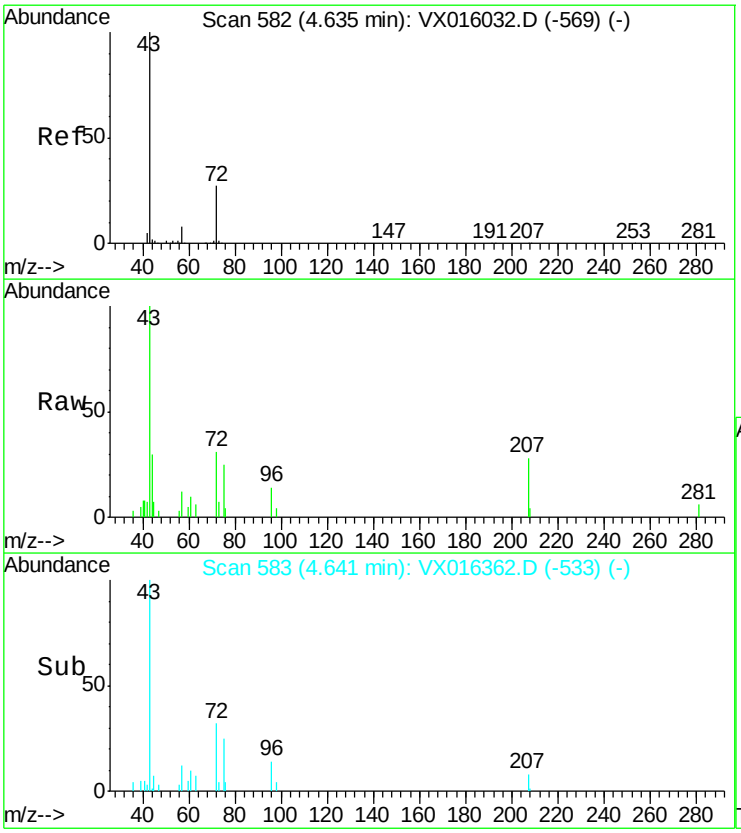
#21
trans-1,2-Dichloroethene
Concen: 1.062 ug/l
RT: 3.14 min Scan# 337
Delta R.T. -0.00 min
Lab File: VX016362.D
Acq: 20 May 2020 16:00

Instrument :
MSVOA_X
ClientSampleId :
S32-0691

Tgt Ion: 96 Resp: 3074

Ion	Ratio	Lower	Upper
96	100		
61	124.2	111.2	166.8
98	60.7	50.2	75.4

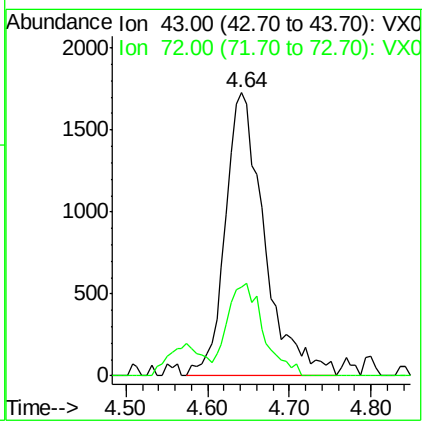


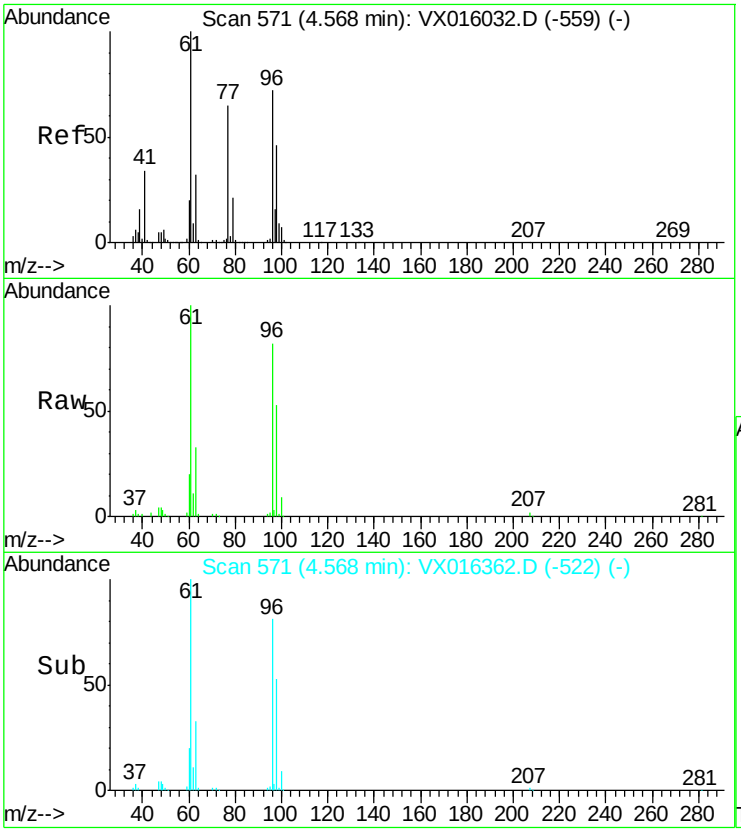


#25
2-Butanone
Concen: 2.432 ug/l
RT: 4.64 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX016362.D
Acq: 20 May 2020 16:00

Tgt Ion: 43 Resp: 5749

Ion	Ratio	Lower	Upper
43	100		
72	31.3	21.8	32.8



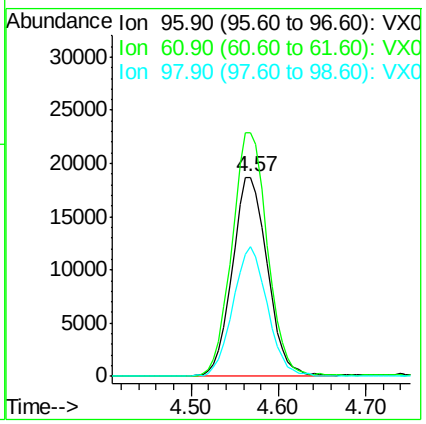


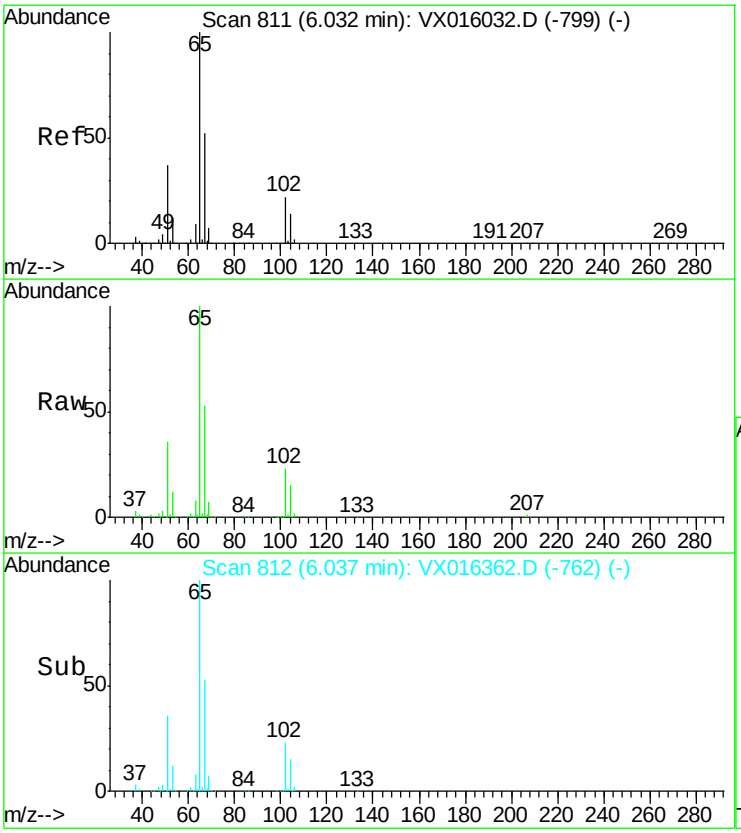
#27
cis-1,2-Dichloroethene
Concen: 16.591 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX016362.D
Acq: 20 May 2020 16:00

Instrument :
MSVOA_X
ClientSampleId :
S32-0691

Tgt Ion: 96 Resp: 52496

Ion	Ratio	Lower	Upper
96	100		
61	122.9	0.0	296.2
98	63.5	0.0	129.4

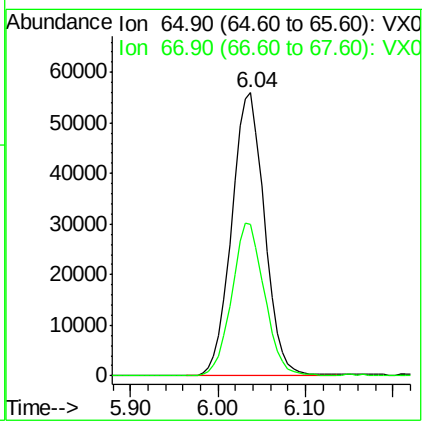


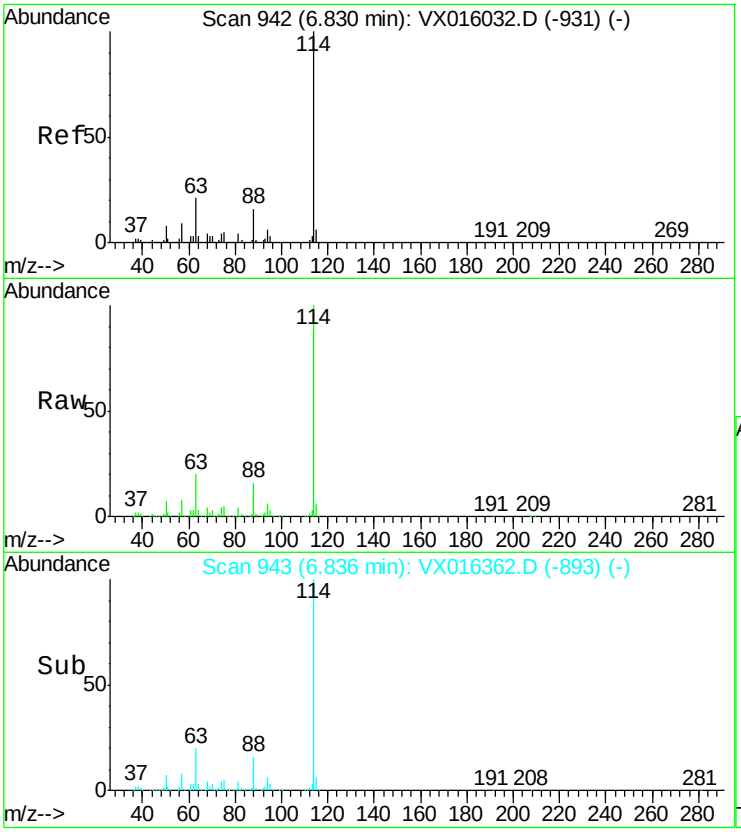


#33
1,2-Dichloroethane-d4
Concen: 44.554 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VX016362.D
Acq: 20 May 2020 16:00

Tgt Ion: 65 Resp: 146478

Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	104.8



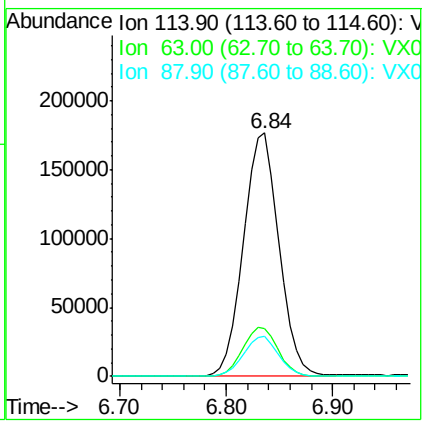


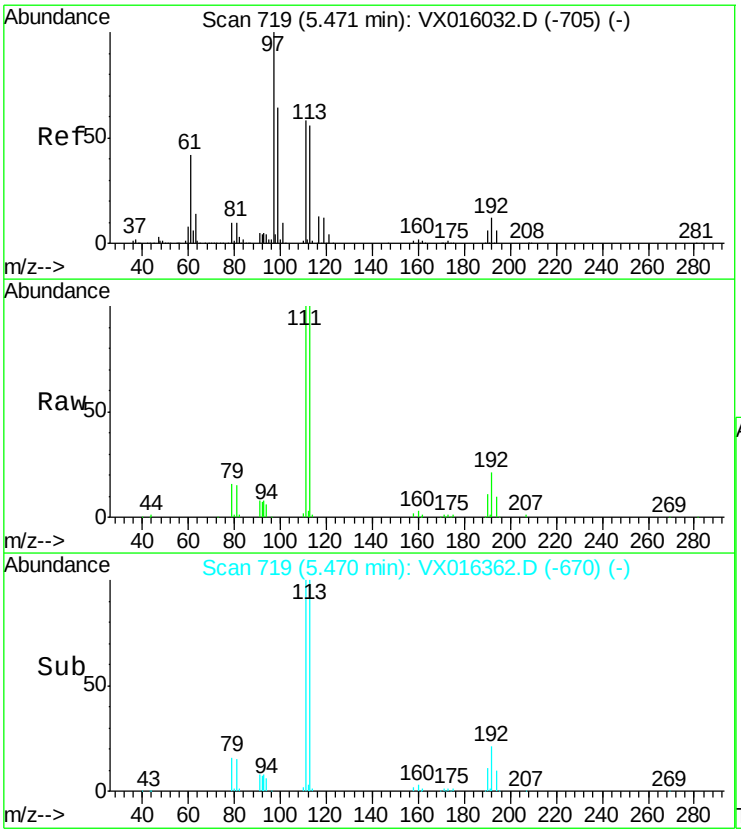
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.84 min Scan# 943
Delta R.T. 0.01 min
Lab File: VX016362.D
Acq: 20 May 2020 16:00

Instrument :
MSVOA_X
ClientSampleId :
S32-0691

Tgt Ion:114 Resp: 414723

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	42.8
88	16.3	0.0	31.4

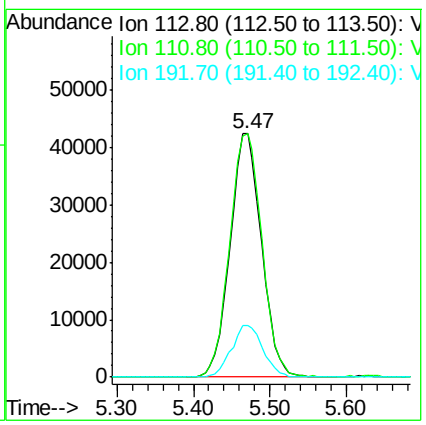


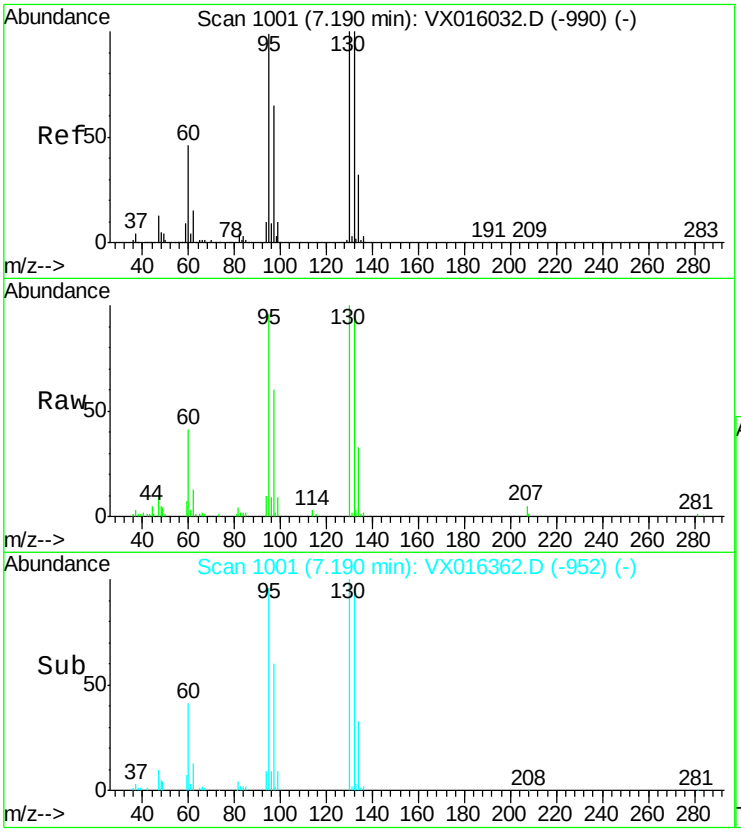


#35
Dibromofluoromethane
Concen: 45.890 ug/l
RT: 5.47 min Scan# 719
Delta R.T. -0.00 min
Lab File: VX016362.D
Acq: 20 May 2020 16:00

Tgt Ion:113 Resp: 120573

Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.6	122.4
192	21.3	17.0	25.4



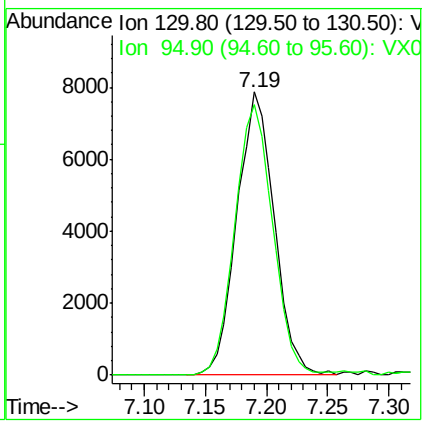


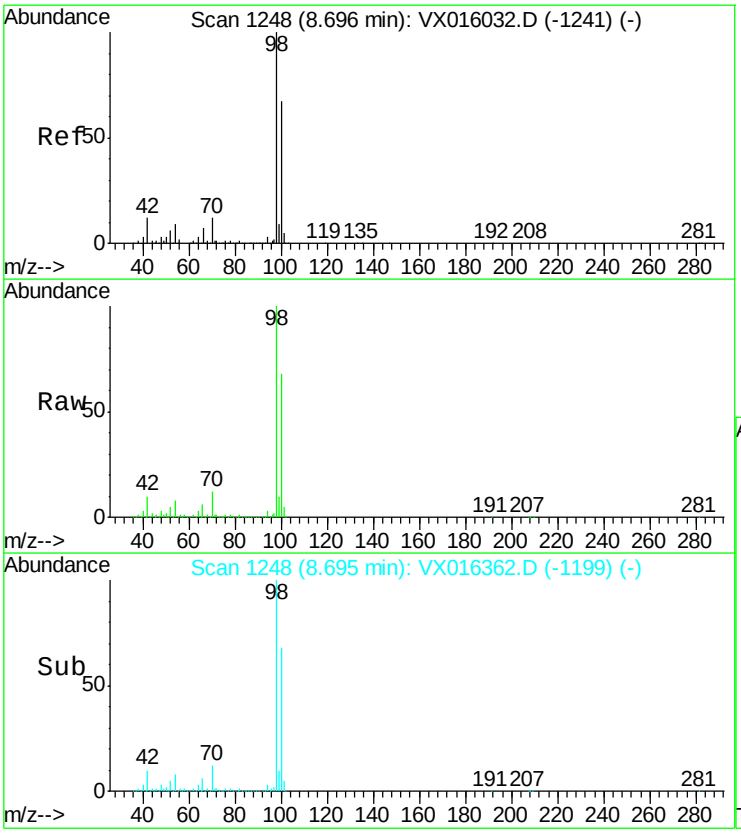
#44
Trichloroethene
Concen: 3.933 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX016362.D
Acq: 20 May 2020 16:00

Instrument :
MSVOA_X
ClientSampleId :
S32-0691

Tgt Ion:130 Resp: 16690

Ion	Ratio	Lower	Upper
130	100		
95	95.6	0.0	197.4

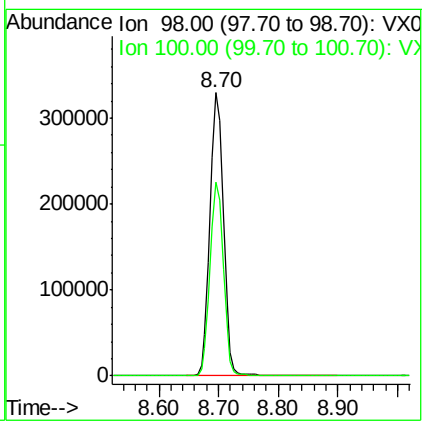


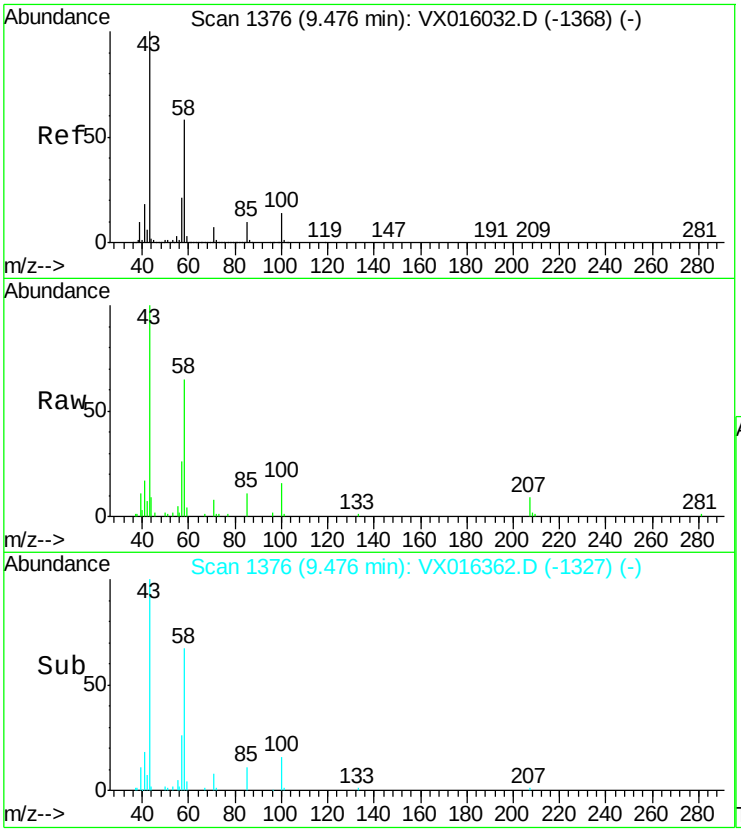


#50
Toluene-d8
Concen: 50.759 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016362.D
Acq: 20 May 2020 16:00

Tgt Ion: 98 Resp: 513870

Ion	Ratio	Lower	Upper
98	100		
100	67.5	53.7	80.5



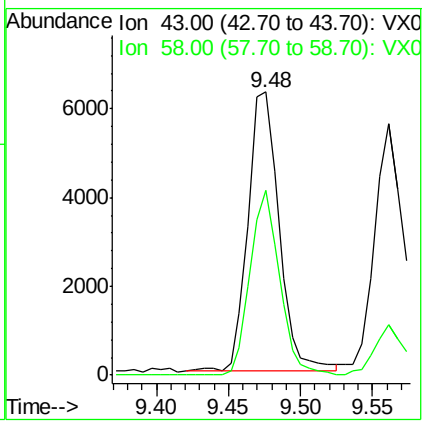


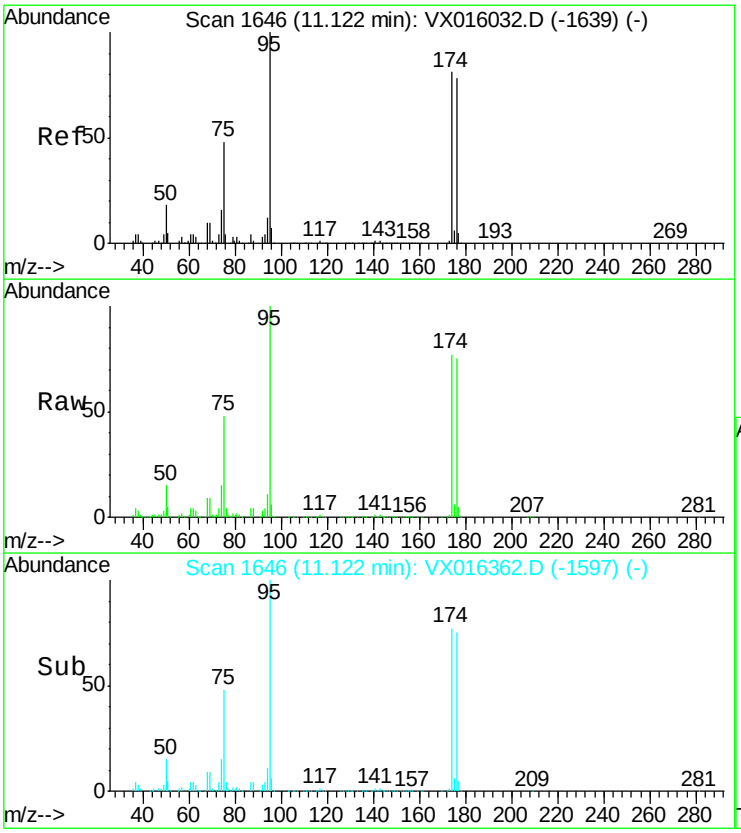
#59
2-Hexanone
Concen: 2.568 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016362.D
Acq: 20 May 2020 16:00

Instrument : MSVOA_X
ClientSampleId : S32-0691

Tgt Ion: 43 Resp: 9316

Ion	Ratio	Lower	Upper
43	100		
58	63.0	28.6	85.9

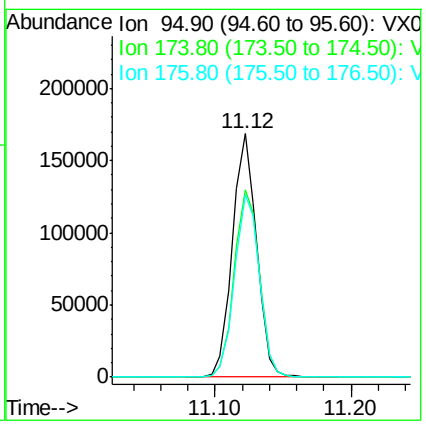


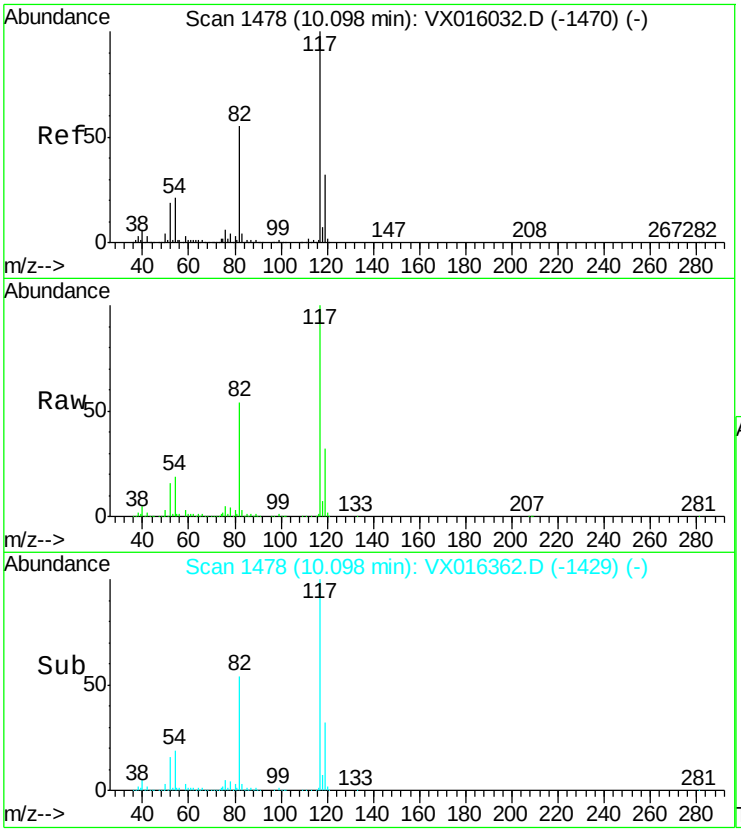


#62
4-Bromofluorobenzene
Concen: 53.960 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016362.D
Acq: 20 May 2020 16:00

Tgt Ion: 95 Resp: 207779

Ion	Ratio	Lower	Upper
95	100		
174	80.0	0.0	159.4
176	77.3	0.0	157.6



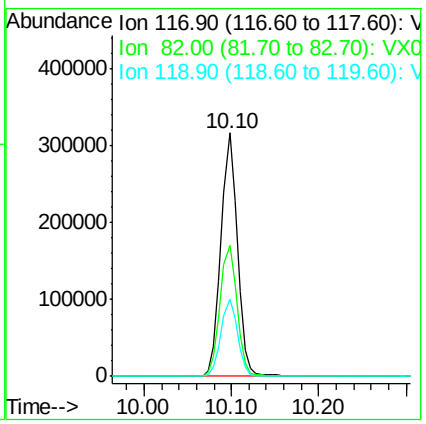


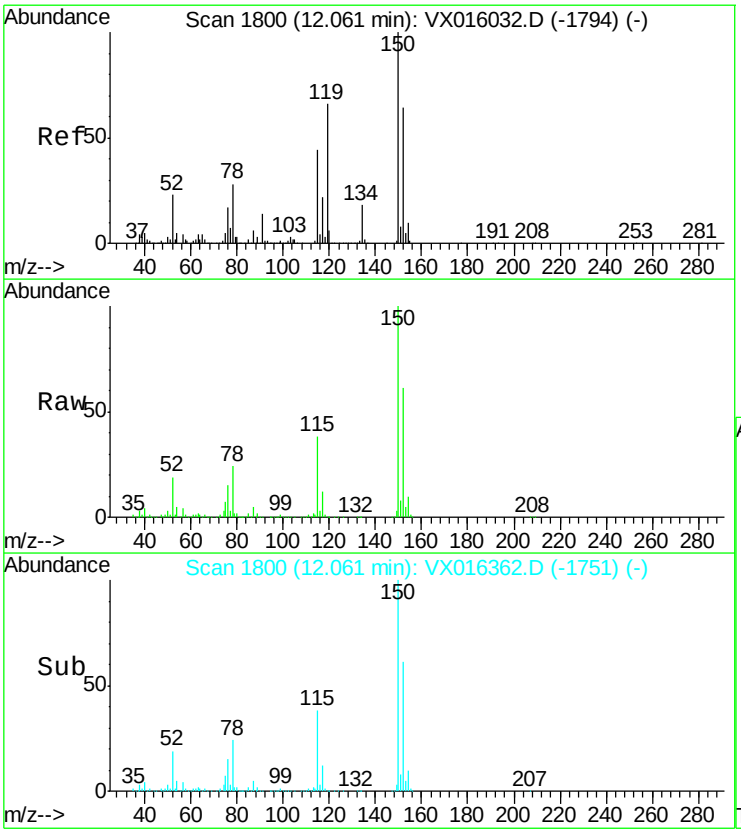
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016362.D
Acq: 20 May 2020 16:00

Instrument : MSVOA_X
ClientSampleId : S32-0691

Tgt Ion:117 Resp: 411176

Ion	Ratio	Lower	Upper
117	100		
82	53.9	44.4	66.6
119	31.8	25.5	38.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016362.D
Acq: 20 May 2020 16:00

Tgt Ion:152 Resp: 203981

Ion	Ratio	Lower	Upper
152	100		
115	58.9	41.3	124.1
150	158.0	0.0	352.2